

AMENDMENTS TO THE SPECIFICATION

In the Specification

Please substitute the following amended paragraph(s) and/or section(s) (deleted matter is shown by strikethrough and added matter is shown by underlining):

Page 1, line 2, add the following paragraphs:

Related Application

This application claims priority to PCT Application No. PCT/EP2005/050131 filed January 13, 2005, which claims priority to European Application No. 04000847.6 filed January 16, 2004 and European Application No. 04017928.5 filed July 29, 2004, each of which are hereby incorporated herein by reference.

Technical Field of the Invention

Page 1, line 29:

~~Background of the invention~~ Introduction of the Invention

Page 18, line 19 to page 19, line 31:

The "component B" of present invention represents the "targeted kinase" moiety of the immunokinase of the present invention and may be selected from any kinase known in the art. Presently, over 5,000 kinase-like sequences from diverse species are available for analysis in public databases. The human genome appears to encode 510 protein kinases in addition to many pseudo-protein kinase genes, and these have been subclassified into over 57 families. There may well be additional protein kinases that remain to be identified (~~http://~~ see

world wide web ~~www~~-at kinexus.ca/kinases.htm). However, preferably component B is chosen from the following three classes of kinases, which are all known to be active in humans and to retain their kinase activity in a soluble complex. 1. The eukaryotic protein kinase (ePK) superfamily, 2. the histidine protein kinase (HPK) superfamily, or 3. the atypical protein kinase (aPK) superfamily. If component B is chosen from the ePK superfamily, it is selected from the group of calcium/calmodulin-regulated (CaM) death-promoting kinases, consisting of death-associated protein kinase (DAP-kinase, DAPk), DAP kinase-related protein kinase 1 (DRP-1), also named DAP-kinase 2 (DAPk2), DAP like kinase/Zipper interacting protein kinase (Dlk/ZIP-kinase), also named DAP-kinase 3 (DAPK3) and DAP kinase related apoptosis-inducing kinase (DRAK1 and DRAK2) families, the group of calcium/calmodulin-regulated (CaM) death-promoting kinases-like (CAMKL) family, consisting of at least 49 subfamilies, protein kinase AMP-activated alpha 1 catalytic subunit (PRKAA1), protein kinase AMP-activated alpha 2 catalytic subunit (PRKAA2), BRSK1 and BRSK2, CHK1 checkpoint homologue (CHEK1), hormonally upregulated Neu-associated kinase (HUNK), serine/threonine kinase 11 (Peutz-Jeghers syndrome) (STK11), MAP/microtubule affinity-regulating kinase (MARK) 1-4, MARKps 01-30, likely ortholog of maternal embryonic leucine zipper kinase (KIAA0175), PAS domain containing serine/threonine kinase (PASK), NIM1, QIK and SNRK, the group of death-domain receptor interacting protein kinase (RIP-kinase) family, consisting of at least six subfamilies, RIP-kinase 1, RIP-kinase 2, RIP-kinase 3 and RIP-kinase 4, ankyrin repeat domain 3 (ANKRD3) and SqK288, the group of multifunctional CaM kinase family, consisting of CaM kinases I, II, including the microtubule affinity-regulating kinases (MARK) and microtubule affinity-regulating kinases-like 1 (MARKL1), CaM kinase IV and CaM kinase kinase subfamilies, the group of dedicated CaM kinases, consisting of Myosin light chain kinase (MLCK), phosphorylase kinase and CaM kinase III (eEF-2k), the group of mitogen-activated protein

kinase (MAPK) family, consisting of extracellular signal-regulated kinases (ERK), c-JUN NH2-terminal protein kinases (JNK), nemo-like kinase (NLK) and p38 kinase subfamilies, the group of cyclin-dependent kinase (CDK) family, consisting of the subfamilies, cell cycle related kinase (CCRK), cell division cycle 2 (CDC2), cyclin-dependent kinases (CDK) 1-11, PCTAIRE protein kinase (PCTK) 1-3, PFTAIRE protein kinase (PFTK) 1-2 and cell division cycle 2-like 1 (PITSLRE proteins), the group of eukaryotic translation initiation factor 2-alpha kinase 3 (EIF2AK3) family, also named (PEK), consisting of the protein kinase interferon-inducible double stranded RNA (dsRNA) dependent (PKR) subfamily.